

MATERIAL SAFETY DATA SHEET

Trade Name: M-1 Deck & Roof Cleaner

EMERGENCY TELEPHONE NUMBERS: 800-424-9300 CHEMTREC (transportation & spills)
800-900-4044 Poison Control (human health)
800-966-6175 Jomaps, Inc.

PRODUCT HAZARD RATING: Health = 3, Flammability = 0, Reactivity = 0
(Rating Legend: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Insignificant)

Jomaps, Inc.
6500 Industrial Way
Alpharetta, GA 30004
770-442-8808

Date prepared: March 14, 2003

Contact Person: Phil Connell

SECTION II – HAZARDOUS INGREDIENT DATA

Sodium Hydroxide (CAS No. 1310-73-2) OSHA PEL: 2mg/m³ ACGIH TLV: 2mg/m³ ceiling
12 -14% in concentrated form (as is).
1 – 2% when product is diluted 9 parts water to 1 part cleaner.
Contains no other ingredients known to be hazardous as defined by OSHA 29 CFR 1910.1000 (subpart Z)
and OSHA CFR 29 1910.0200.

SECTION III – PHYSICAL DATA

Boiling Point: 212° F.	Specific Gravity (H ₂ O=1): 1.14 at 60° F.
Vapor Pressure (mm Hg.): Not known.	Vapor Density (Air = 1): Not Applicable
Solubility in Water: Complete	Melting Point: Not applicable
Evaporation Rate (n-Butyl Acetate =1): < 1	
Appearance and Odor: Yellow-green liquid with mild odor	

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point: None	Flammable Limits: Not Applicable
LEL: Not Applicable	UEL: Not Applicable
Extinguishing Media: Water, Dry Chemical, CO ₂ , or alcohol foam. Fire and heat may drive off water leaving a chemical that may burn.	
Special Fire Fighting Procedures: When fighting fire in a confined space, wear self-contained breathing apparatus. Cool fire exposed containers with water spray to prevent rupture.	
Unusual Fire and Explosion Hazards: None known.	

SECTION V – HEALTH HAZARD DATA

Inhalation: Concentrate is not volatile so no inhalation should be possible. Avoid breathing spray mist as it may cause damage to upper respiratory tract and lung tissue.

Skin: Product can be destructive to tissue and produce burns. Avoid contact with skin.

Ingestion: Harmful if swallowed. It can cause severe burns and tissue perforation of mucous membranes of the mouth, throat and stomach.

Chronic: Mist or spray of concentrate could result in increased susceptibility to respiratory illness. Concentrate may be corrosive to all body tissue.

Signs & Symptoms of Exposure: Irritation, stinging or burning sensation.

Medical Conditions Generally Aggravated by Exposure: None known

EMERGENCY AND FIRST AID PROCEDURES

Skin: Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes. If skin becomes dry, apply moisturizing cream or petroleum jelly. If skin is burned, seek immediate medical attention.

Eyes: Rinse with water. Remove contacts, if any, and flush with water for 15 minutes. Contact physician if needed.

Inhalation: If respiratory discomfort or irritation occurs, move to fresh air. See a physician if discomfort or irritation continues.

Ingestion: If concentrate is swallowed, do not induce vomiting. Give large quantities of water. Contact physician at once.

SECTION VI – REACTIVITY DATA

Stability: Stable under normal conditions.

Conditions to avoid: None

Incompatibilities: Store away from oxidizers such as aluminum, zinc and tin.

Hazardous Decomposition: None

Hazardous Polymerization: Will not polymerize.

SECTION VII – SPILL OR LEAK PROCEDURES

If material is released or spilled: Soak up with absorbent material.

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: If necessary, use MSHA/NIOSH approved air-supplied respirator.

Ventilation: Local exhaust is sufficient, if not available, use mechanical exhaust.

Protective Gloves: Impervious gloves (such as rubber, neoprene, polyethylene) should be used when handling the product.

Eye Protection: Wear goggles in case of splash hazard.

Protective Clothing: Wear appropriate clothing to avoid skin contact.

Other Protective Equipment: During application of product, rubber sole waterproof shoes or boots should be worn.

SECTION IX – SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing: Store product at temperatures above 55° F.

Keep containers closed when not in use. Avoid contact with skin and eyes. Do not ingest. Avoid breathing mist. **Do not sit in solution.**

Other Precautions: Allow product to warm to room temperature before dilution.

Disclaimer of Liability

The information provided in this MSDS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.